The South 40

Small grains to get change in fertilizers

By JAMES A. SMITH
Extension Agent

Effective now, we are making significant changes in fertilizer recommendations for small grain.

Why the change? Research points out that what we were recommending was quite possibly causing growers to get reduced yields.

No longer will small grains be put in soil productivity groups. Most of these grouping relate to water availability, but recent research shows that this apparently is of little value in restricting yields.

All small grain, wheat, barley, oats and rye are to be fertilized alike.

The new nitrogen recommendation is 20#N at seeding and 80#N in late February. If field has a history of lodging, reduce nitrogen by 20 pounds.

New phosphate and potash recommendations will be based on the soil test level:

L–80 - 120
M–40 - 80
H–10 - 40
VH–0

These are significant changes but based on recent research in Virginia, using the new levels of fertility, we should push small grain yields up to 70 to 110 bushels per acre.

You have read about the Gypsy Moth. You've seen the damage this insect can cause on TV.

It was confirmed last week that ten traps were placed in Appomattox County this past summer. There were three male Gypsy Moths in the trap. The leading edge is here. We can expect more each year until the population peaks.

Spraying has been most effective when isolated spots are found. Sprays have to be applied by aircraft and when used are funded from state and/or federal funds.

A lot of work is going into finding a suitable biological control. This doesn't appear feasible at this point.

* * *

Recent state legislation establishes requirements for registration and reporting of water withdrawals from natural surface water or ground water which exceeds a daily average rate of 10,000 gallons per day for any month in the year.

First reports are due January 31, 1983.

Even though some uses such as crop irrigation are exempted, voluntary documentation of needs may become critical in staking claim to future water rights. In view of proposed legislation to change water rights for both surface and ground water, we should look at both required and voluntary registration and reporting as an excellent opportunity for withdrawers/users to document their needs.

For the overall good of those who have specific water needs, we encourage everyone who withdraws a daily average rate exceeding 10,000 gallons per day to voluntarily register and report the withdrawal.

* * *

There is a new feed additive for beef cattle that we've gotten several questions on recently. It's called Bovatec and is designed to be fed to confined cattle. This product is similar to Rumensin in that Bovatec was also developed as a coccidiostat to control coccidiosis in poultry.

In 15 research trials, Bovatec fed at the rate of 30 grams per ton of complete ration resulted in a 8.12% increase in feed efficiency and a 5.20% increase in daily gain over un-medicated animals.

It will be marketed in feed supplements designed for feeding at levels from .75 to 2.0 lbs. per head per day.

It is 7 to 10 times less toxic to horses than Rumensin, but it should not be fed to horses or swine under any circumstances.

Crafts center slates closing

This Saturday, December 18, the Historic Appomattox Station Arts and Crafts Center located in the old N&W Depot on Main Street, will close for the winter months.

Crafts Center members are asked to pick up unsold consigned items during regular shop hours (10 a.m. - 5 p.m.) Friday and Saturday, December 17 and 18.

The Historic Appomattox Station Arts and Crafts Center will reopen in the spring. Look for notices of reopening in the **Times-Virginian.**

THE WEEKEND SNOW STORM brought more than pretty scenery to Appomattox County. Dean Smith (left) and Faye Stephenson are shown surveying damage to one of the greenhouses at D&D Greenhouses on Route 26 just outside of Appomattox. The structure collapsed late Sunday night under the weight of the snow and ice which had accumulated on its roof. The women, who are sisters, managed to get most of the plants out of the greenhouse before they died, but the outlook for the structure was grim. Dean said that another snow, heavy rainfall, or even strong wind would likely cause the greenhouse to collapse completely. (Photo by Bill Sherrod)

Happiness is 4-H

By FRANK SWEET
Extension Agent

The 4-H Share-the-Fun final show will be held tonight (Thursday) at the Appomattox County High School Auditorium beginning at 7 p.m. Make your plans to be with us for this fast moving variety show that will include 27 acts performed by young people from 9 to 18 years of age. Awards will be made immediately following the conclusion of the show. An admission fee of 50c per person will be charged.

* * *

4-H members working with beef cattle have been sent an invitation to the **Open House and Performance Judging Contest** to be held at the Red House Bull Center on Wednesday, December 29. Included in the day's program, which will begin at 10 a.m., will be a performance bull and heifer judging contest for teams and individuals, a discussion of official placings, awards for judging and a panel discussion of what to look for in purchasing bulls. This should be an excellent program for all family members interested in beef cattle. Please let us know at the Extension Office by December 20 if you plan to attend.

* * *

4-H Achievement Records are the only method through which 4-H'ers win trips to National 4-H Congress. Achievement Records may be submitted by 4-H'ers who are 14 or older and may feature many different project areas. On December 27 and 28 we will have Achievement Record Workshops at the Extension Office for those 8th, 9th and 10th grade 4-H'ers who would like to begin working on Achievement Records. The workshops will begin at 9 a.m. each day and last until 4 p.m. 4-H members may come when it suits them and leave as they need to. The work time will be devoted to helping each member begin the Achievement Record development procedure.

* * *

Glen McClenny has recently returned from National 4-H Congress. He presented an excellent program for the Teen Leader Club last week about his experiences at National Congress. Glen will be available beginning in January to present a similar program for civic clubs and other interested groups. Call us at the Extension Office if your group would be interested.

* * *

Appomattox 4-H'ers will again be able to obtain seed for wildlife feed patches this coming spring. We will be coordinating efforts with Mr. Albert Carter, Vo-Ag Instructor at ACHS to obtain seed for the wildlife feed patches. Details will be made available to 4-H'ers in February.

AMS PTA to meet

The Appomattox Middle School PTA will meet Thurs., Dec. 16 at 7:30 p.m. at the school.

A yuletide program will be presented by school students.

ASCS Today

By TOM CONRAD

Flue-Cured Tobacco Referendum - A referendum will be conducted Thursday, December 16 at which time producers will determine whether marketing quotas have been proclaimed by the U.S. Department of Agriculture for flue-cured tobacco for the three marketing years beginning July 1, 1983.

If two-thirds of the farmers vote "YES", marketing quotas will continue in effect for 1983, 1984 and 1985 crops, and price support will be available to producers who qualify. If growers vote "No", there will be unlimited production, no price support, and a similar referendum will be scheduled next year.

The voting will take place at the ASCS office in Appomattox between the hours of 7 a.m. and 7 p.m. You are urged to stop by the office during these hours and vote.

Marketing quotas were last approved on 1980, 1981 and 1982 flue-cured tobacco crops in a December 1979 referendum.

Additional information about the referendum, acreage-poundage quotas and price support is available from your county ASCS office.

Dairy Deductions - Effective December 1, Commodity Credit Corporation (CCC) will receive 50 cents per hundredweight from the proceeds of milk marketed. In most cases milk handlers and dairy cooperative associations will make the deductions and pay CCC. This law passed by Congress also allows for a second phase that could go into effect April 1, 1983. The second phase provides for an additonal 50 cents but calls for a refund to dairy farmers who have reduced their milk marketings by a specified amount.

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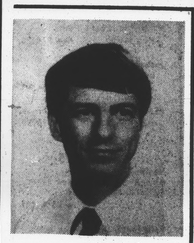

Gene McNabb
Branch Manager

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Varsity basketball

Raiders lose two tough ones

The Raider varsity basketball team struggled through their second week of regular-season play with hard-fought losses to Jefferson Forest and Nelson County last Tuesday and Friday.

Jefferson Forest's red-hot performance at the freethrow line (23 of 29 foul shots) was instrumental in their 69-59 win over the Raiders last Tuesday night.

The first half was played fairly evenly, with Forest leading 15-13 at the end of the first quarter, and 28-27 at halftime.

Jefferson Forest exploded for 25 points in the third quarter, however, building a 53-39 lead by the end of that period. The Raiders outscored Forest 20-16 in the final period, but the rally was not enough to overcome Jefferson Forest's lead and the game ended in a 69-59 Cavalier victory.

Ricky Miller, Rick Caldwell and Kevin Ferguson scored in double figures for the Raiders, with 12, 11 and 10 points, respectively. Also scoring for the Raiders were Jody Williams with eight points, Norman Turner with six, Greg Mayberry with five, Jeff Miller with four, Bobby Carter with two and Dennis Fleshman with one point.

High scorers for Jefferson Forest were Ralph Reynolds with 16 points, Rick Otey with 12, and Wayne Stewart with 12.

The Raider hit 23 field goals and were successful on 13 of 23 free-throw attempts. Jefferson Forest hit 23 field goals and 23 of 29 foul shots.

Friday's game against Nelson County was a squeaker, with both teams playing evenly throughout the game, and Nelson County icing the 61-58 victory only in the waning moments of the game.

The score was tied 11-11 at the end of the first quarter, but Nelson opened up a seven-point led in the second quarter, with the halftime score standing at 32-25.

The Raiders chipped away at that lead in the third quarter, outscoring Nelson 16-12, and the two teams played dead even in the final quarter, each scoring 17 points, to record the 61-58 win for Nelson County.

Rick Caldwell and Kevin Ferguson each scored 17 points for the Raiders, and Jody Williams scored in double figures with 10.

Others gaining points for Appomattox were Ricky Miller with six points, Gary Ferguson with four, and Derwin Harvey and Jeff Miller, with two each.

High scorers for Nelson County included Charles Cobbs with 18 points, and Frank Alexander, with 16 points.

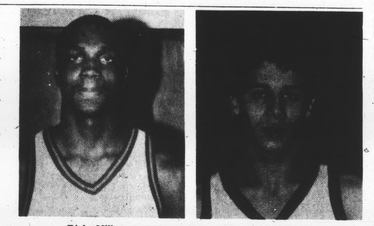
The Raiders made 24 field goals and were 10 for 16 at the freethrow line, Nelson County hit 27 field goals and sent seven for 16 at the foul line.

For their efforts last week, Jody Williams and Ricky Miller were chosen as the games' outstanding players. Miller was cited for his performance against Jefferson Forest, and Williams was honored for his play against Nelson County.

The Raiders were scheduled to face Altavista Tuesday after the **Times-Virginian** deadline. Friday night, the team will play Brookville at home. The next scheduled game is against Amherst at Amherst on Dec. 29.

RAIDER RICKY MILLER works his way inside for a shot in Friday night's game against Nelson County, as Rick Caldwell (left) and Jody Williams (right) look on. The Raiders lost this hard-fought game to Nelson County, 61-58. (Photo by Mike Williams)

Varsity Players of the Week



Ricky Miller

Jody Williams

Thomas named to list

Mark D. Thomas of Appomattox was recently named to the fall quarter dean's list at Radford University.

Mr. Thomas, a junior journalism major, is the son of Frank Thomas of Route 2.

Also Deborah A. Campbell, a senior recreation administration major, of Concord. Ms. Campbell is the daughter of Thomas Campbell of Route 2.

A student must be enrolled fulltime and have a grade point average of at least 3.4 before being named to the dean's list.

Girl Scouts plan to skate

The Appomattox County Girl Scout Troop will sponsor a skating night at A.J. Skateworld on Monday, Dec. 27 from 7 p.m. until 10 p.m.

Tickets to this event are $2, and there will be a 50-cents skate-rental fee at the door. The tickets are available from any member of the local Girl Scout organization, and they will be available at the door the night of the event.

Harmon wins rifle

Wayne Harmon of Covington is the proud owner of a new hunting rifle, compliments of the Concord Hunting Club.

The rifle was first prize in a contest sponsored by the hunt club.

The Raider Review

By JENNIFER INGE

A Christmas Showcase of 4-H Talent is the theme of this year's 4-H Share-the-Fun show. The show will be presented Thursday, December 16 at 7:00 p.m. in the ACHS auditorium.

American Federal Savings and Loan is the sponsor of this year's show. The judging will take place on Wednesday, December 15 with the awards being presented at the conclusion of the final show on Thursday night. All contestants will be awarded blue, red or white ribbons. The winners from each category will have the opportunity to represent Appomattox County in other contests.

Three senior acts will be part of the total of 25 acts. Tony Bailey will be singing a religious song entitled One More Time. Connie Krantz and Kathy Bryan will be presenting the theme song from the hit television Fame. David Hancock, who graduated last year, will be accompanied by Laura Walton as he sings.

The 4-H Share-the-Fun show should prove to be an awarding and entertaining show.

Bloodmobile visit set

The Bloodmobile will be making a scheduled visit to Appomattox on December 30, at Liberty Baptist Church from 12 noon until 6 p.m.

Mrs. Alice Martin, Blood Services Chairman for Appomattox County, reminds donors, both regular donors and new donors, that the quota is 150 units of blood.

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